

# INTERNATIONAL SEARCH REPORT

In **Initial Application No**  
PCT/IB2004/000302

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G11B17/04 H02P7/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B H02P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) -& JP 2000 014180 A (NEC CORP), 14 January 2000 (2000-01-14) abstract; figure 1	1,2
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 285 (E-1222), 24 June 1992 (1992-06-24) -& JP 04 071382 A (KONICA CORP), 5 March 1992 (1992-03-05) abstract	1,2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

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28/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 293 (P-619), 22 September 1987 (1987-09-22) -& JP 62 088167 A (MATSUSHITA ELECTRIC IND CO LTD), 22 April 1987 (1987-04-22) abstract	1,2
A	US 2001/019526 A1 (TAKEDA KUNIO) 6 September 2001 (2001-09-06) abstract	1,2

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000014180 A	14-01-2000	JP 2953462 B2	27-09-1999
JP 04071382 0 A		NONE	
JP 62088167 0 A		NONE	
US 2001019526 A1	06-09-2001	JP 2001216702 A	10-08-2001
		WO 0157865 A1	09-08-2001
		EP 1169704 A1	09-01-2002
		TW 504681 B	01-10-2002